

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS****AMENDED 08-14-95**

Date of Report: July 25, 1995
Date Received: July 21, 1995
Project: #7238, Metro 24 Hr. (ACW), PO M50222
Date Samples Extracted: July 24, 1995
Date Extracts Analyzed: July 24, 1995

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR CHROMIUM, COPPER, NICKEL AND ZINC****Samples Processed Using Method 3005****per Washington DOE Guidelines****Results Reported as mg/L (ppm)**

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M50222 A Discharge	0.68	0.42	0.56	<0.05
M50222 B No Discharge	0.62	0.36	0.46	<0.05
<u>Quality Assurance</u>				
Blank	<0.05	<0.05	<0.05	<0.05
M50222 B No Discharge (Duplicate)	0.62	0.36	0.46	<0.05
M50222 B No Discharge (Matrix Spike) % Recovery	103%	106%	108%	111%
M50222 B No Discharge (Matrix Spike Duplicate) % Recovery	95%	98%	99%	102%
Spike Blank % Recovery	93%	98%	97%	99%
Spike Level	5	5	10	5

FRIEDMAN & BRUYA, INC.**ENVIRONMENTAL CHEMISTS**

Date of Report: July 25, 1995
Date Received: July 21, 1995
Project: #7238, Metro 24 Hr. (ACW), PO M50222
Date Samples Extracted: July 19, 1995
Date Extracts Analyzed: July 24, 1995

**RESULTS FROM THE ANALYSIS OF WATER SAMPLES
FOR CHROMIUM, COPPER, NICKEL AND ZINC
Samples Processed Using Method 3005
per Washington DOE Guidelines
Results Reported as mg/L (ppm)**

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
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FRIEDMAN & BRUYA, INC.
3012 16th Avenue West
Seattle, WA 98119-2029
(206) 285-8282

SAMPLE CHAIN OF CUSTODY

BTB AI
07.21.95
1:21

Send Report To: Alaskan Copper Works Contact: GERARD Thompson
Company: 628 Hancock St
Address: Seattle WA 98134
City, State, Zip: (206) 382-8375 Date: 7-21-95
Phone #

SITE NO. 7238 PROJECT NAME METRO 24 hr (ACU) PURCHASE ORDER # M 50222

SAMPLERS (signature) [Signature] PROJECT LOCATION 3200 6th Ave S.

REMARKS SAMPLE DISPOSAL INFORMATION
☐ Dispose after 30 days
☒ Return Samples
☐ Call for Instructions

Sample #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample #	Analyses Requested
M 50222 A	7/21 11:30	H ₂ O	1	607232	CR CU NI ZN
Discharge					
M 50222 B	7/21 11:30	H ₂ O	1	607233	CR CU NI ZN
No Discharge					

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: <u>[Signature]</u>	<u>GERARD Thompson</u>	<u>ACU</u>	<u>7/21/95</u>	<u>1:10 PM</u>
Received by: <u>[Signature]</u>	<u>Cathy DOWNING</u>	<u>F+BI</u>	<u>7/21/95</u>	<u>1:13</u>
Relinquished by:				
Received by:				

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

DUPLICATE COPY

July 25, 1995

INVOICE # 95ACU0725-1

Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

RE: Project #7238, Metro 24 Hr. (ACW), PO M50222: Results of testing requested
by Gerald Thompson, Project Leader for material submitted on July 21, 1995.

2 water samples analyzed for Chromium, Copper,
Nickel and Zinc @ \$65 per sample

\$ 130.00

Amount Due

\$ 130.00

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

July 25, 1995

Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

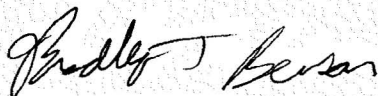
Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on July 21, 1995 from your project #7238, Metro 24 Hr. (ACW), PO M50222.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson
Chemist

jdp
Enclosures

ACU0725R

AKC-0012696

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman
James E. Bruya, Ph.D.
(206) 285-8282

3012 16th Avenue West
Seattle, WA 98119-2029
FAX: (206) 283-5044

August 14, 1995

Gerald Thompson, Project Leader
Alaskan Copper Works
628 South Hanford
Seattle, WA 98134

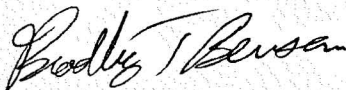
Dear Mr. Thompson:

Enclosed are the amended results from the testing of material submitted on July 21, 1995 from your project #7238, Metro 24 Hr. (ACW), PO M50222. The report has been amended to reflect the correct extraction date.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Bradley T. Benson
Chemist

keh
Enclosures

ACU0725X

AKC-0012697